ABSTRACT OF THE DISCLOSURE

A fuel gas inlet is provided at an outer circumferential edge portion of a second separator. First fuel gas flow passage grooves for supplying a fuel gas to an anode electrode are formed on a side of a surface of the second separator. First fuel gas connecting flow passages, which make communication between the fuel gas inlet and the first fuel gas flow passage grooves, include flow passage grooves which are provided on a side of a surface, and through-holes which penetrate through the second separator to make communication with the first fuel gas flow passage grooves. Accordingly, excellent sealing performance is ensured with a simple structure, and it is possible to realize a thin-walled fuel cell.